

# A METHOD AND SYSTEM FOR TRAUMA APPLICATION OF CT IMAGING

## Abstract of Disclosure

A method and system for generating a plurality of clinically useful images in a short time frame using a single imaging system. The system and method include using a single computer tomography (CT) system for generating a scout image configured to prescribe a tomographic axial/helical or target image and processing the scout projection data of the scout image to generate an enhanced scout image. The enhanced scout image and the target image are displayed, wherein the enhanced scout image and said target image are clinically useful images for diagnostic purposes provided by the single imaging system. More specifically, the single CT generates the enhanced scout image resembling an x-ray radiograph and the target image as a CT scan image.

## Figures